Date: Sat, 9 Jul 94 03:36:31 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #766
To: Info-Hams

Info-Hams Digest   Sat, 9 Jul 94   Volume 94 : Issue 766

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 9 Jul 1994 01:50:04 -0400
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!news.umbc.edu!eff!
news.duke.edu!solaris.cc.vt.edu!news.ans.net!newstf01.cr1.aol.com!
search01.news.aol.com!not-for-mail@ihnp4.ucsd.edu
Subject: Amateur calls on auto license plates?
To: info-hams@ucsd.edu

Having people ask you what that combination of letters and a number means

is and excellent way to tell them about amateur radio. I have had to
explain what KE4ITL means many times and each time I tell them a little
about our hobby/service.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

Date: Fri, 08 Jul 1994 21:18:30 EDT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!
sundog.tiac.net!usenet.elf.com!rpi!psinntp!arrl.org!usenet@network.ucsd.edu
Subject: ARLB059 Emergency declared
To: info-hams@ucsd.edu

SB QST @ ARL $ARLB059
ARLB059 Emergency declared

ZCZC AG24
QST de W1AW
ARRL Bulletin 59 ARLB059

Date: Fri, 08 Jul 1994 21:17:53 EDT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!
sundog.tiac.net!usenet.elf.com!rpi!psinntp!arrl.org!usenet@network.ucsd.edu
Subject: ARLP027 Propagation de KT7H
To: info-hams@ucsd.edu

SB PROP @ ARL $ARLP027
ARLP027 Propagation de KT7H

ZCZC AP41
QST de W1AW
Propagation Forecast Bulletin 27 ARLP027

Date: Sat, 9 Jul 1994 03:08:03 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!news.eecs.nwu.edu!k9ape@network.ucsd.edu
Subject: Camcorder viewer needed.
To: info-hams@ucsd.edu

In article <wb9omc.773604116@constellation.ecn.purdue.edu>,
Duane P Mantick <wb9omc@constellation.ecn.purdue.edu> wrote:
>dalep@crl.com (Dale Lukas Peterson) writes:

>
>>Hello all-
>
>>I am interested in making some "VR" glasses except instead of using small
>>computer screens or whatever they are, I would like to use the small
>>screen that is looked into when you use a camcorder. Does anybody have
>>any idea where I could obtain these? I would appreciate addresses,
>>phone#'s, and, prices. Thanx in advance.
>
>   Second this. I am working on a small CCD camera system and would
>like a fairly small viewfinder for them, preferably one that requires
>12 volts DC for supply....
>
>Duane
>wb9omc@harbor.ecn.purdue.edu
>

We sell minature SONY cameras and monitors that will probably meet your
requirements. Please send your specifications.

Sheldon L. Epstein, k9ape@eecs.nwu.edu
Chief Engineer
Epstein Associates
P.O.B. 400
Wilmette, IL 60091-0400
U.S.A.

708:853-1084 - Voice & V-Mail
708:251-3114 - FAX

Date: 9 Jul 1994 04:22:30 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!vixen.cso.uiuc.edu!
uxa.cso.uiuc.edu!jtg0707@network.ucsd.edu
Subject: Collecting NASA SELECT ATV frequencies.....
To: info-hams@ucsd.edu

Hello

Now that I have a little free time between projects, I am trying to put
together another NASA SELECT frequency lists for ATV and 70cm bands, I
will be much obliged if you can send me some of the frequencies in your locale.
I'll post the list to the net as soon as Y get enough of them.

I will also be interested in compiling a list of channel numbers and cable
companies that carry the NASA SELECT in their systems.

I prefer email, since I just can't keep up with the usenet news postings; at last count, I am about 8000 messages behind in this news group alone!

Please list your city, state, ATV frequency , 70 cm frequency, cable channel , cable system(company) and any other useful info about receiving the transmission.

Thanks in advance.
Joe

jtg07078@uxa.cso.uiuc.edu

Date: 9 Jul 1994 01:32:01 -0400
From: ihnp4.ucsd.edu!swrinde!gatech!news.ans.net!newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@network.ucsd.edu
Subject: Does CW as a pre-req REALLY Work?
To: info-hams@ucsd.edu

In response to the post about CW operators making better hams, I would think that the type of the person (i.e. follows the rules, obeys the laws, acts professional, etc), not the mode he operates, would determine what kind of operator he or she is.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL
"Codeless and quite happy"

Date: 9 Jul 1994 01:48:01 -0400
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!news.duke.edu!solaris.cc.vt.edu!news.ans.net!newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@network.ucsd.edu
Subject: Does CW as a pre-req REALLY Work?
To: info-hams@ucsd.edu

I guess its time for me to put my $.02 in.

I am a no-code tech. I have tried to learn the code, using both tapes and computer tutors. The big problem that I have is that I can't distinguish the tones of the dot and dash. When dots and dashes are sent together, they sound like one sound to me. I plan to take a hearing test in the future to see if I actually do have a problem. I do want to upgrade to HF in the future. Unlike others, I am not lazy - I have actually tried to learn the code!

Now on to my plan. Why can't we designate a portion of the HF SSB frequencies for no-code people. The test for the no-code HF frequencies could concentrate more on operating practices (which some people seem to forget), and technical knowledge for the operation of a HF station. As far as turning the ham bands into CB bands, I doubt it will happen. I have listened to 2 meters for almost 2 years and actually transmitted for the past 7 months, and I find most of the no code techs to be very professional and obey the rules. The fear of VHF/UHF turning into CB wastelands hasn't happened, at far as I have heard. The lids that I have heard are some (a small few) of the "old timers" who interrupt transmissions, use "break" instead of saying their call signs just so they can interrupt, and other irritating practices. I am not saying all bad operators are experienced, I am saying that some of them have been hams for 40+ years and should know better.

I didn't mean this post to offend, and I hope no offense was taken.

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

Date: Sat, 9 Jul 94 00:57:26 -0500
From: ihnp4.ucsd.edu!agate!cat.cis.Brown.EDU!noc.near.net!news.delphi.com!usenet@network.ucsd.edu
Subject: Flagstaff Az. HAMFEST??
To: info-hams@ucsd.edu

Can anyone tell me when the Flagstaff hamfest is?
Still last weekend this month?
73's
wb7qdq

Date: 9 Jul 94 11:18:25 +0100
From: ihnp4.ucsd.edu!swrinde!pipex!uknet!str-ccsun!zippy.dct.ac.uk!mcscs1mm@network.ucsd.edu
Subject: GB2ATG (July 1994)
To: info-hams@ucsd.edu

In article <94Jul6.104534mdt.18548-1@scapa.cs.ualberta.ca>, IKENDALL@UNIVERSITY-OF-HUMBERSIDE.AC.UK (Iain Kendall) writes:
> BARTG * GB2ATG * NEWS * BARTG * NEWS * GB2ATG * BARTG
> This is the - British Amateur Radio Teledata Group - News Broadcast Service

> for all Amateurs and Short Wave Listeners interested in RTTY Amtor, Pactor
> and Packet Radio.

I'm waiting till we can run Internet over Packet Radio before I get interested.
Don't mind the low throughput, beacuse it's cheap(er than leased lines).

Why *is* amateur radio so resticted in this country?

--
Malcolm MacArthur M.McArthur@zippy.dct.ac.uk

My views are not my own. I got them out of a book.
http://www.dct.ac.uk/people/mcscs1mm.html

Date: Fri, 8 Jul 1994 12:47:43 GMT
From: ihnp4.ucsd.edu!news.acns.nwu.edu!news.eecs.nwu.edu!tellab5!
jwa@network.ucsd.edu
Subject: Icom IC-745 32 memory mod
To: info-hams@ucsd.edu

I'm not sure that this was posted, (had news server problems at this site)
so here it is again!

HERE'S HOW YOU CAN DOUBLE THE MEMORY ON YOUR IC-745

The following are excerpts from the WILLCO Electronics ICM-1024 NoFail memory installation manual for the IC-745

BEFORE YOU BEGIN
The following instructions may appear to be simple. They are, however, quite difficult to perform. If your not a qualified technician or if you don't have the proper tools or soldering
skills, you can damage your radio. If you don't think you can perform the task, you should contact a friend that is qualified.

THE IC-745 32 MEMORY MODIFICATION
The following steps may require the green and white "Components Layout Sheet" and schematic that came with your Icom IC-745. You will be soldering wires directly to component leads, therefore, you will need a high quality temperature controlled soldering iron.

The IC745 was the first transceiver equipped with the EX-314 memory module using logic circuitry that is similar to the Icom R71 receiver (the R71 has 32 memories and the
IC745 only has 16). The 16 memories are selected using a 4 bit binary rotary

switch that's connected to DB0, DB1, DB2, DB3 and Y5. The 16 switch positions generate a count from 0 to F hex and is read by the microprocessor on the logic board.

The R71 receiver selects 32 memories using two 4 bit up/down counter IC's that are connected to the same data bus (5 bits from the two counters generate a count from 0 to 1F hex). On the R71 the fifth bit is connected to DB4.

The IC-745 32 memory modification requires the installation of a one switch and one diode. We recommend that you use the front panel PREAMP switch because it's close to the Matrix board (If the wires that connect to the Logic board are too long, they can radiate digital noise and interfere with the receiver). The switch will be used to select a second bank of memories by addressing the fifth bit (similar to the fifth bit in the R71 counters). The bank switch instructs the microprocessor to read new locations in the RAM memory. You can always add a rear mounted switch to control the pre-amp

PREPARATION
Disconnect the antenna and the AC or DC line power to the radio. Perform the work in a static free work space. You can also protect the radio by grounding it to a water pipe or a ground rod. If the wiring in your home or apartment is well grounded, the mounting screw on a duplex outlet is also a good ground. Connect a jumper lead to ground with a 100k resistor in series and while doing the modifications, connect the other end of the clip lead to a metal watch band.

Remove the radio's top and bottom covers and place it up-side-down on a your work table. Remove the ribbon connectors that run from the Logic board (on the main chasis) to the Matrix board on the radio's front panel. The ribbon connectors are very delicate so be carefull when you un-plug them. Remove the four front panel mounting screws (they are located on the left and right side of the chasis.

Disconnect the existing wires that go to the PREAMP switch and reconnect them to an external or rear mounted toggle switch (the existing wires connect to a relay that switches the pre-amp in and out). Because they connect to the coil of the pre-amp relay, you don't have to worry about the wire length. The diagram below shows the memory switch connections to the Matrix board (it's located behind the radios front panel).

THE 32 MEMORY "MOD"
Connect the cathode end of a 1N914 (or equivalent) diode to J13 pin 2. Connect the anode side of the 1N914 diode to the switch. Connect the other side of the switch to
J12 pin 5 or W13 on the Matrix board.

Now that the modification is complete you can remount the front panel and

re-connect ribbon connectors. Mount the top cover. Make sure that radio is clear from tools and bare wires. Connect the radio to a power source and hook up the antenna.
Turn on the radio. It should operate normally.

OPERATING INSTRUCTIONS
When you first power the radio, using the pre-amp switch, you can access a new bank of 16 memories. But first you will have to store new frequencies. Press the preamp switch and lock it in the down position.

Place the radio in the VFO mode and store your favorite "Ham" frequencies in the first memory. Store other frequencies in other memory locations. Place the radio in memory mode and rotate the memory switch. The frequencies that you stored should appear.
Press the pre-amp switch and unlock it in the up position. The old set of frequencies (that you stored before you made the "mod") should appear.

SCANNING
No matter which bank is selected, when all 32 memories are filled, the radio will scan all 32. All other functions should operate normally.

"Button up" the radio and enjoy!
Jack Albert WA9FVP

Date: Fri, 8 Jul 94 21:17:00 -0400
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!news.duke.edu!concert!hearst.acc.Virginia.EDU!pplace!pat.wilson@network.ucsd.edu
Subject: keyer program to run under windows, Wanted
To: info-hams@ucsd.edu

Obviously, runs at half speed, otherwise could not run allday.

(grin)

Date: 9 Jul 1994 00:09:07 +1000
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!msuinfo!harbinger.cc.monash.edu.au!yarrina.connect.com.au!warrane.connect.com.au!spectrum.apana.org.au!ion.apana.org.au!aurora.apana.org.au!@network
Subject: LiTZ Help!!!
To: info-hams@ucsd.edu

whitemp@cnsvax.uwec.edu wrote:
> Where is a good source of information on LiTZ?

> (Long Tone Zero??? is it?)

> Actually, ANY info would be much appreciated.

There's an article in the December 92 edition of 73 magazine which
describes the construction of a LiTZ decoder.

JM.
--

James Morris ..._ _._ ..___ __. ..._ ._
<jmorris@aurora.apana.org.au>

Date: Sat, 9 Jul 1994 02:18:25 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
shopson@network.ucsd.edu
Subject: Passed the test, time to wait...
To: info-hams@ucsd.edu

Well I passed the No-Code Tech test, now I guess I'll have to wait,
what is it 2-4 months before I can talk on the air. Well, I don't
plan to sit idley by waiting for that ticket. I'm going to try to
get the General done before my first license arrives, who knows,
maybe I can get advanced before the FCC gets around to allowing
me to talk on the air.

--

Cowabunga, dude......

shopson@netcom.com

Scott Hopson

Costa Mesa, Ca.

Date: 8 Jul 1994 19:45:50 -0700
From: ihnp4.ucsd.edu!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!apple.com!
apple.com!not-for-mail@network.ucsd.edu
Subject: QSL addresses - please help
To: info-hams@ucsd.edu

Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:

>In article <MUHHuAqJBh107h@rcp.co.uk>, scott@rcp.co.uk (Scott Earle) wrote:
>>
>> Could anyone tell me the addresses for the following stations?
>>
>>   6Y5GR
>>   FM5GN
>>   FG5BG
>>   HT1T
>> and   CO1RG
>>
>Scott, I can't help you on these calls, but I think you have given an
>example of a possible need for a newsgroup devoted to QSLing--callsign
>server updates, QSL routes, hams who have changed addresses, problems
>encountered with foreign mail systems, etc. Anyone else think this is worth
>an RFD?

My HT1T card came from SM0KCR (S-M-Zero-K-C-R).

As far as an RFD for QSL routes, no need for that. A service is already
available on the Internet. Simply send email to

qsl-info@aug3.augsburg.edu

with the DX calls in the message body. I don't know the exact syntax,
but one call per line worked for me. The QSL routes will come back in
the return mail; in my case, usually within one minute.

Ray, WQ5L, rrrocker@rock.b11.ingr.com, is the person responsible for this
truly wonderful service. I have been able to find routes that I could not
find in the W6GO List. If Ray gets hit by a truck, I'll probably stop
working on my DXCC :-) :-).

And, if you have routes not already in the list, please do inform

dl1sbf%db0sdx@db0fho.et-inf.fho-emden.de

of them. DL1SBF is where Ray gets his updates from.

73 es DX,

Kok Chen, AA6TY   kchen@apple.com
Apple Computer, Inc.

Date: 9 Jul 94 03:24:15 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Mission Update 7/8 at 23:00 EDT
To: info-hams@ucsd.edu

SB SAREX @ AMSAT $STS-65.001
SAREX Mission Status 7/8 at 23:00 EDT

Silver Spring, MD, July 8 1994 at 23:00 EDT

The Space Shuttle Columbia roared into the blue skies of the Kennedy Space Center today as the second International Microgravity Laboratory Mission (IML-02) began. The near flawless launch countdown sequence resulted in an on-time launch of the STS-65 mission at 16:43 UTC. The seven member crew of STS-65 will spend 14 days on-orbit. Two of the crew members are ham radio operators. They are Shuttle Commander Robert Cabana, KC5HBV (just licensed) and Don Thomas, KC5FVF. The two will operate the Shuttle Amateur Radio Experiment (SAREX). SAREX is a secondary mid-deck payload that allows ham radio operators and school students the opportunity to talk to the astronauts while they are in orbit. Ground based amateur radio operators can communicate with the two astronaut hams through packet radio and, when time permits, via voice contacts. Thirteen scheduled school group contacts with students in the US, Germany, and Japan are also planned.

The SAREX Working Group expects the SAREX payload to be configured and operational approximately 23 hours into the flight or at approximately 16:30 UTC on July 9. Since the launch was on time, the pre-launch Keplerian element set, JSC-004 is still valid. This element set, developed by Gil Carman, WA5NOM, is provided below for your convenience.

```
STS-65
1 00065U          94189.74687707  .00052344  00000-0  15762-3 0    47
2 00065  28.4664   7.3074 0003571 330.7493  29.2906 15.90324781    29

Satellite: STS-65
Catalog number: 00065
Epoch time:      94189.74687707   =    (08 JUL 94   17:55:30.18 UTC)
Element set:     004
Inclination:       28.4664 deg
RA of node:         7.3074 deg           Space Shuttle Flight STS-65
Eccentricity:     .0003571              Prelaunch Element set JSC-004
Arg of perigee:   330.7493 deg          Launch:  08 JUL 94  16:43 UTC
Mean anomaly:      29.2906 deg
Mean motion:   15.90324781 rev/day           Gil Carman, WA5NOM
```

Decay rate: 5.2344e-04 rev/day^2   NASA Johnson Space Center
Epoch rev: 2
Checksum: 295

Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group
/EX

Date: Fri, 8 Jul 1994 21:50:19
From: nwnexus!olympus.net!olympus.net!vaughnwt@uunet.uu.net
Subject: Weather Radio freqs?
To: info-hams@ucsd.edu

>I've noticed that REI and Campmor both sell a nice little radio receiver
>that picks up some kind of regional weather forecast. I've got a handheld
>scanner, and I'm wondering if I can pick this up with it. Does anyone
>know any common frequencies that these weather brodcasts transmit on?

>Shawn

>--
>S.E.P. Brown | shawnb@ecst.csuchico.edu | http://www2.ecst.csuchico.edu/~shawnb

162.44 162.5 There are 4 specific weather channels that I know of and I think
there are more but my ref is at work.

William Vaughn   vaughnwt@olympus.net "Just plain Bill."

Date: (null)
From: (null)

Date: Sat, 9 Jul 1994 08:58:43 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
To: info-hams@ucsd.edu

References <fn$6kiubGEsO066yn@access.digex.net>, <2visoe$hjl@umcc.umcc.umich.edu>,
<2vk303$ef8@chnews.intel.com>
Subject : Re: Does CW as a pre-req REALLY Work?

In article <2vk303$ef8@chnews.intel.com> CecilMoore@delphi.com writes:
>

>Hi Matt, I have a hypothetical question for you. What would you do if
>you tried for hundreds of hours to learn to receive Morse code at 13
>wpm and just could not do it? I can force my brain to function as a
>modem but I know somebody who cannot, and he is otherwise a very
>knowledgable, intelligent person and an asset to the ham community.

Hi Cec, I have a hypothetical question for you. What would you do if
you wanted to become a commercial airline pilot but your eyesight
was such that you couldn't pass the FAA medical exam? Accept your
limitation and go on with life? Or try to change the regulations?

I don't want to sound mean towards your friend but for 70 years there
have been those desiring to be hams who couldn't pass the code test.
They accepted their limitation and went on with their lives.

I've directed followups to .policy.

Jeff NH6IL

Date: Sat, 9 Jul 1994 09:06:55 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
To: info-hams@ucsd.edu

References <2vg6vg$a31@nic.scruz.net>, <2vg80k$fe8@umcc.umcc.umich.edu>,
<wa2iseCsnHCo.Gvr@netcom.com>
Subject : Re: Does CW as a pre-req REALLY Work?

In article <wa2iseCsnHCo.Gvr@netcom.com> wa2ise@netcom.com (Robert Casey) writes:
>Listen to 14.313 MHz sometime.

Exactly! You hear no CW ops on .313, only SSB ops. Thank you for
re-enforcing my point.

Followups to .policy.

Jeff NH6IL

Date: (null)
From: (null)

End of Info-Hams Digest V94 #766
****